

Receiving Report

Date: 16/12/15

Batch No: M134780

Supplier: K/X

Dart P/O: 31207

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☒ No ☐
 Receipt: Cash ☒ Cr ☒
 New Supplier Yes ☐ No ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☒
 Shipment Complete: Yes ☐ No ☒ N/A ☒
 QC18 Inspection ☐ N/A ☒
 Work Order ☐ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver QC12 

Production/Admin:
 Date _____
 Received/Costing _____
 Initial _____

Location _____



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO31207

Purchase Order Date 2/1/2016

PO Print Date 2/2/2016

Page Number 1 of 5

Order From :
KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

VU-KLX01

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

FEB 02 2016
REVISED

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	305-925-2600	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	FedEx Economy collect	Currency	USD
Ship Acct:		FOB	Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	AN3-37A 57342	Bolt	2/5/2016 Yes 2/5/2016	FN	50.00 Each	\$0.73	\$36.50
Line Total:							\$36.50
2	AN310-4 over 0.02	Nut	2/5/2016 Yes 2/5/2016	FN	50.00 Each	\$0.65	\$32.50
Line Total:							\$32.50
3	AN4-12A over 0.03 57344	Bolt	2/5/2016 Yes 2/5/2016	FN	100.00 Each 14/2/50	\$0.17	\$17.00

Note:

2/2/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO31207

Purchase Order Date 2/1/2016

PO Print Date 2/2/2016

Page Number 2 of 5

Order From :

VU-KLX01

KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 305-925-2600

Ship To Contact

Ship To Phone

Ship Via: FedEx Economy collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

							Line Total:	\$17.00
4	AN526C632R12	Screw	2/5/2016	FN	200.00			
	ST 327		Yes		Each		\$0.08	\$16.00
			2/5/2016					
							Line Total:	\$16.00
5	AN6-13A	BOLT	2/5/2016		25.00			
	ST 335		Yes		Each		\$0.53	\$13.25
			2/5/2016					
							Line Total:	\$13.25
6	HL32PB8-14	Replacement Hi-Lok Pin	2/5/2016	FN	40.00			
	ST 522		Yes		Each		\$10.45	\$418.00
			2/5/2016					
							Line Total:	\$418.00

Note:

2/2/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO31207**

Purchase Order Date 2/1/2016

PO Print Date 2/2/2016

Page Number 3 of 5

Order From :
KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

VU-KLX01

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 305-925-2600

Ship To Contact
Ship To Phone
Ship Via: FedEx Economy collect
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

7	HL86-8	Collar	2/5/2016	20.00	\$2.20	\$44.00
			Yes	Each		
			2/5/2016			

57562

Line Total: \$44.00

8	MS21086L5	Nut Plate	2/5/2016	50.00	\$1.37	\$68.50
			Yes	Each		
			2/5/2016			

Line Total: \$68.50

10	MS21920-25	Clamp	2/5/2016 FN	25.00	\$19.00	\$475.00
			Yes	Each		
			2/5/2016			

Line Total: \$475.00

11	MS27039C1-08	SCREW	2/5/2016	250.00	\$0.27	\$67.50
			Yes	Each		
			2/5/2016			

over 100

Note:

2/2/2016



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXAerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO31207

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Eff Date	EXP DATE
4	200	EA	AN526C632R12		55210	CRESCENT MPG.	63020		


Jason Lewis
Senior Director, Global Quality

02/02/16

Inv # 02/02/16

CERTIFICATE OF COMPLIANCE TEST REPORT

MADE IN THE U.S.A.

Nº 55210

CUSTOMER NAME BILD INDUSTRIES

PART NO. AN526C632R12*

REV 6

PURCHASE ORDER NO. 70550

QUANTITY TWENTY NINE THOUSAND FIVE HUNDRED

MATERIAL/SPECIFICATION .118 302HQ CINCINNATI 2EX1

DATE 7/17/2008

PHYSICAL PROPERTIES

TENSILE STRENGTH HARDNESS SCALE

1) 996.5 LB T	1)
2) 990.7 LB T	2)
3) 992.5 LB T	3)
4) 985.2 LB T	4)
5) 989.3 LB T	5)
6)	6)
7)	7)
8)	8)

CONFORMS TO THE PROCUREMENT SPECIFICATIONS OF:

FF-S-92B

DFARS 252.225-7014 ALT 1

OTHER MECHANICAL TEST DATA

☒ MEET MAGNETIC PERMEABILITY
REQUIREMENTS OF FF-S-92B AND MIL-I-17214B

PARTS ARE FREE FROM MERCURY CONTAMINATION.

VISUAL AND DIMENSIONAL INSPECTION SATISFACTORY

OTHER TESTING:

FINISH

MEETS PASSIVATION REQUIREMENTS OF
ASTM A967-05 PER QQ-P-35C

ADDITIONALLY, AN ANSI/ASQC Z 1.4 SAMPLE OF THE
FINISHED FASTENERS WERE TESTED IN ACCORDANCE WITH
APPLICABLE SPECIFICATIONS. SAMPLE PARTS AND THE TEST DATA
ARE IN OUR RECORDS RETENTION AREA AS OBJECTIVE EVIDENCE
AND WILL BE HELD AS REQUIRED.

Signature

Tracey Wikst

CRESCENT MANUFACTURING OPERATING, CO.
ISO 9001 : 2000 REGISTERED # 48791-3



Cage Code #63020
700 George Washington Turnpike, Burlington, CT 06013, U.S.A.
Telephone: (860) 673-2591 Fax: (860) 673-5973



OFL300 348167
 FROM: BILD INDUSTRIES, INC.
 800 CLEARWATER LOOP
 POST FALLS, ID 83854



OFL300 348167
 FROM: BILD INDUSTRIES, INC.
 800 CLEARWATER LOOP
 POST FALLS, ID 83854



OFL300 348167
 FROM: BILD INDUSTRIES, INC.
 800 CLEARWATER LOOP
 POST FALLS, ID 83854

SHIP TO

M & M AEROSPACE HDWE INC
 10000 NW 15TH TERRACE
 MIAMI FL 33172

M & M AEROSPACE HDWE INC
 10000 NW 15TH TERRACE
 MIAMI FL 33172

M & M AEROSPACE HDWE INC
 10000 NW 15TH TERRACE
 MIAMI FL 33172

CUSTOMER BILL TO ADDRESS

COMPLETE CUSTOMER PO NO.

BILL TO NO.

SHIP TO NO.

PAGE

OFL300

MMA001

BUYER NAME & PHONE NO.

MAURICE/FA

X

M & M AEROSPACE HDWE INC
 P O BOX 025263
 MIAMI FL 331025263

PACKING SLIP

INSPECT IMMEDIATELY

LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
1		15000	15000	AN526C632R12	OFL300	MMA001	SCREW
2		1	1	FULL CERTS	OFL300	MMA001	CERTIFICATION
3		1	1	MFG: Crescent	OFL300	MMA001	
4		1	1	REV: 6	OFL300	MMA001	

CERTIFICATION OF CONFORMANCE

WE HEREBY CERTIFY THAT THE MERCHANDISE INCLUDED ON THE PACKING LIST IS IN CONFORMANCE WITH AN-MS-NAS
 DRAWINGS AND/OR DRAWINGS.

CAGE CODE 31222

DATE
 AUG 11 2008

QUALITY CONTROL MANAGER

Michael King

TOTAL WT. NO CTNS

DATE SHIPPED

SHIPPED VIA

SIGNATURE, MERCHANDISE RECEIVED

8/11/08

FedEx

X

Thank
 you
 for
 your
 order



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172

Material Certification

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FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO31207

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Eff Date	EXP DATE
1	50	EA	AN3-37A		59784	MAC FASTENERS	0RFT4		


Jason Lewis
Senior Director, Global Quality

02/02/16

Inv # 02/02/16

MAC FASTENERS, INC.
1110 ENTERPRISE
OTTAWA, KANSAS 66067

**CERTIFICATE OF CONFORMANCE
AND
MANUFACTURER'S AFFIDAVIT**

CUSTOMER: B/E AEROSPACE

PO: 0BWJ78

PART NUMBER: AN3-37A

REV: 2

LOT NUMBER: 59784

MANUFACTURED QUANTITY: 3,850

MILL HEAT NUMBER: 8099283

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225.7009 Compliant

MERCURY FREE CERTIFICATION

MacFasteners Inc. certifies that the parts referenced in the above lot number do not contain Mercury or Mercury compounds, and were manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC FASTENERS, INC. within the United States, and were processed in accordance with all applicable drawings and specifications.

Objective evidence of compliance is on file, subject to examination upon request.

DATE: 02/12/13


QUALITY ASSURANCE REPRESENTATIVE

MacFasteners, Inc. is an AS9100C Registered Company- SAI GLOBAL - 0058029



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXAerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


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FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO31207

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Eff Date	EXP DATE
5	25	EA	AN6-13A		57949	MAC FASTENERS	0RPT4		


Jason Lewis
Senior Director, Global Quality





02/02/16

Inv # 02/02/16



100 CORPORATE DR., HOLTSVILLE, NY 11742
ISO9001 / AS9100 REGISTERED QUALITY SYSTEM
QUALITY CONTROL RECEIVING INSPECTION REPORT

PROGRAM KIT COMPONENT OR CHEMICALS OR STANDARD HARDWARE
FOR STAND ALONE SALES ORDERS. PART IDENTIFICATION LABEL FOR
SCANNING.


CERT CNY12010500145

ITEM AN6-13A

LOT 57949

PON PUR03AB8
BRANCH NY
Vendor. MAC FASTENERS
Qty.... 10,502
Manf.... MAC FASTENERS
Rev. 2

Part #.....	AN6-13A
Lot ID.....	57949
Manufacturer..	MAC FASTENERS
Qty this Lot..	000010502
Doc Lev.....	DFR
Rev.....	2
Sample Size...	000000001
Inspector.....	TFR
Cert Date.....	01/05



CUSTOMER
CODE:

A-173

PROCESSED BY:

TFR

MACFASTENERS, INC.

1110 Enterprise Street
Ottawa, KS 66067
Phone: 785-242-8812
Fax: 785-242-4616

Packing List

Bill UFC Aerospace Corp.
To: PO BOX 2061
HOLTSVILLE, NY 11742-2061
United States

Ship UFC Aerospace Corp.
To: 100 CORPORATE DRIVE
HOLTSVILLE, NY 11742
United States

Shipment No: 51842
Shipment Date: 12/20/11
Ship Via: Yellow Freightways, Inc.
Order Number: 42773
Order Date: 08/18/11

Customer Code: UFC
Phone: (561) 637-1737
PO Number: PUR03AB8
Terms: Net 30 Days

LOT #57949

<u>Item</u>	<u>Quantity</u>				<u>Unit</u>	<u>Description</u>	<u>Revision</u>	<u>Job Number</u>
	<u>Open</u>	<u>Shipped</u>	<u>Back Ord</u>	<u>Canceled</u>				
1	10,000	12,000	0		M	AN6-13A Bolt, machine-- Aircraft	2	57949

JAN 04 2012



MAC FASTENERS, INC.
1110 ENTERPRISE
OTTAWA, KANSAS 66067

**CERTIFICATE OF CONFORMANCE
AND
MANUFACTURER'S AFFIDAVIT**

CUSTOMER: UFC AEROSPACE CORP

PO: PUR03AB8

PART NUMBER: AN6-13A

REV: 2

LOT NUMBER: 57949

MANUFACTURED QUANTITY: 12,000

MILL HEAT NUMBER: 8097919

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225-7014, ALTERNATE 1 COMPLIANT

MERCURY FREE CERTIFICATION

MacFasteners Inc. certifies that the parts referenced in the above lot number do not contain Mercury or Mercury compounds, and were manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC FASTENERS, INC. within the United States, and were processed in accordance with all applicable drawings and specifications.

Objective evidence of compliance is on file, subject to examination upon request.

DATE: 12/18/11


QUALITY ASSURANCE REPRESENTATIVE



MacFasteners, Inc. is an AS9100/ISO9001 Registered Company - PJR# C2009-00297

MAC FASTENERS, INC.
1110 EAST ENTERPRISE
OTTAWA, KS 66067

CHEMICAL & PHYSICAL TEST REPORT

CUSTOMER UFC AEROSPACE CORP	PO NUMBER PUR03AB8	MFG QUANTITY 12,000	DATE 12/18/11
PART NUMBER AN6-13A	REV 2	LOT NO 57949	PROCUREMENT SPEC NASM6812

MATERIAL				MATERIAL SPECIFICATION				MILL HEAT NUMBER			SUPPLIER		
TYPE 8740				MIL-S-6049/AMS6322				8097919			JOHNSTOWN		
C	SI	Mn	P	S	Cu	NI	Cr	Mo	V	B	Fe	Al	Ti
.39	.25	.85	.008	.01	.15	.42	.52	.2	.002			.03	
	Co	N	BI	Pb	Mg	Zn		Nb	Sn			Other	
		.0074							.007				

MECHANICAL TEST RESULTS - TESTING PER NASM1312

ULTIMATE TENSILE STRENGTH POUNDS
12,400
12,400
12,360
12,360
12,360
MIN. REQ. 10100

DOUBLE SHEAR STRENGTH POUNDS / PSI
17,000
17,000
17,080
17,100
17,060
MIN. REQ. 16560

HARDNESS
ROCKWELL "C" SCALE
REQ. 26 - 32 HRC
SAMPLE SIZE 5
ACTUAL RESULTS 27-29 HRC

METALLURGICAL EXAMINATION			
Discontinuities	<input checked="" type="checkbox"/>	Carb/Decarb	<input checked="" type="checkbox"/>
Grain Flow	<input checked="" type="checkbox"/>	Microstructure	<input checked="" type="checkbox"/>
Grain Size	<input checked="" type="checkbox"/>	Appearance	<input checked="" type="checkbox"/>
Thread Inspection FED-STD-H2B/20 - ASME B1.3	System <input type="checkbox"/> 21	System <input checked="" type="checkbox"/> 22	System <input type="checkbox"/> 23

NDT/ ADDITIONAL TESTS	
Magnetic Particle Inspection per ASTM E1444	<input checked="" type="checkbox"/>
Liquid Penetrant Inspection per ASTM E1417	<input type="checkbox"/>
Recess Torque Test	<input type="checkbox"/>
Head Marking	<input checked="" type="checkbox"/>

TEST CERTIFICATION

WE CERTIFY THAT THE PART NUMBER, LOT NUMBER, AND SAMPLES REFERENCED ABOVE HAVE BEEN TESTED IN ACCORDANCE WITH THE APPLICABLE SPECIFICATION FOR THE TESTS REPORTED HEREIN. THIS CERTIFICATION SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE APPROVAL OF MAC FASTENERS, INC.



Quality Assurance Representative

AS9100, ISO9001 REGISTERED
PJR #C2009-00297

MAC FASTENERS, INC.
1110 ENTERPRISE
OTTAWA, KANSAS 66067

HEAT TREAT CERTIFICATION

CUSTOMER: UFC AEROSPACE CORP

DATE: 12/18/11

PO NUMBER: PUR03AB8

MANUFACTURED QUANTITY: 12,000

LOT NUMBER: 57949

MATERIAL: TYPE 8740

PART NUMBER: AN6-13A

REVISION: 2

REQUIRED HARDNESS: 26 - 32 HRC

SAMPLE SIZE: 5

HARDNESS: 27-29 HRC

HEAT TREAT SPECIFICATION AS APPLICABLE: MIL-H-6875/AMS-H-6875/AMS2759/AMS5853/PS-1001

The fasteners referenced in this report have been processed, inspected and certified by the Heat Treat Contractor in accordance with all applicable drawings and specifications. Heat Treatment has been verified in accordance with procurement specification and part drawing, by metallurgical and mechanical testing as applicable. Evidence of compliance as well as certification from the Heat Treat Contractor is on file and subject to examination upon request.


QUALITY ASSURANCE REPRESENTATIVE



MacFasteners, Inc. is an AS9100/ISO9001 Registered Company - PJR# C2009-00297



Johnstown Wire Technologies

124 Laurel Ave,
Johnstown, PA 15906

Phone: 814-532-5680
Fax: 814-532-5684

WORK ORDER
924240

TEST REPORT

LOT NUMBER
K-8097919

SALES ORDER / RLS
995524 / 1

SOLD TO

Mac Fasteners, Inc.
1110 Enterprise Street
Ottawa, KS 66067
USA



CUSTOMER P.O. 50516	CUSTOMER PART	QUANTITY 19,931 LBS	COILS 10	LADING NO 00105772	SHIPMENT DATE 08/12/2011
SPECIFICATION Macfast-87371 AMS2301; AMS6322; AMS-S-6049A; MIL-S-6049A 8740 DFARS Defense Federal Acquisition Regulation Supplement Silicon Killed Fine Grain Aircraft Quality/Cold Heading Quality Drawn From Annealed Rod Spheroidize Annealed In Process Heavy Phos & Light Lube Ctd Size: .371 +.001 -.000					
CERTIFICATION REQUIREMENTS					
Chemical					
C .39	Mn .85	P .008	S .010	Si .25	Al .030
Ni .42	Cr .52	Mo .20	Cu .15	V .002	
Ca .001	Ti ????????	N .0074	Sn .007		
Physical					
AMS 2301 0000	J1 58	J10 40	J11 38	J12 36	J2 57
					J3 56
					J5 54
					J4 55
					J6 52
					J7 49
					J8 46
					J9 43
MacroClean E-381 111					
Mechanical					
TEST	UNITS	HIGH	LOW	AVERAGE	
Tensile Str	Lbs/SqIn	80000	77000	78000	
RA Per Cent	Percent	73.4	70.5	72.1	
Decarb FFD	Inches	.000	.000	.000	
Surface def. depth	Inches	.000	.000	.000	
Rod / Melt Source					
Rod Source Republic	Melt Source Republic	Country of Origin USA	Nafta Yes		
End of Certification					



I certify that the results are a true and correct copy of the records prepared and maintained by JOHNSTOWN WIRE TECHNOLOGIES in compliance with the requirements of the cited specification. Chemistry is as reported by the rod / bar supplier and is not in JWT A2LA accreditation. This test report cannot be reproduced or distributed except in full without the written permission of JOHNSTOWN WIRE TECHNOLOGIES. The test results certified herein relate only to the items tested.

D. L. Deetscreek
D. L. Deetscreek
Director of Quality Assurance



Republic

1807 EAST 28TH ST.
PHONE: 330-438-5694

LORAIN, OH 44055
FAX: 330-438-5695

CERTIFICATE OF TESTS

REPUBLIC ENGINEERED PRODUCTS

July 3, 2011

PAGE 1

OF 2

PURCHASE ORD: 80881
PART NUMBER: FXT40AA-.659
ORDER NUMBER: 1488320 - 01
HEAT: 8097919
CHARGE ADDRESS

PURCHASE ORDER DATE: 5/16/2011
ACCOUNT NUMBER: 5672-1921-01
SCHEDULE: 5654-90
REVISION: 1

SHIP TO

JOHNSTOWN WIRE TECHNOLOGIES
124 LAUREL AVE
JOHNSTOWN, PA 15906

JOHNSTOWN WIRE TECHNOLOGIES
EDWARD ZAPOLA
C/O C & BL RAILROAD
TRACK 629
JOHNSTOWN, PA 15901

MATERIAL DESCRIPTION

HOT ROLLED STEEL COILS ALLOY AMS 2301K JOHNSTOWN WIRE SPEC RW-100 REVISION DTD 04/21/04 EXC PARA 10.3 AMS G322N EXC HARD JOHNSTOWN WIRE SPEC RW-005 REVISION DTD 12/31/00 EXC SURFACE DEFECTS JOHNSTOWN WIRE SPEC PART NO. FXT40AA REVISION DTD 12/31/00 MIL S 6049A & AMS 1 COND B-1 EXC MARK & UT WAIVED EF-AISI 8740 H FINE GRAIN VACUUM DEGASSED AIRCRAFT QUALITY FIXED PRACTICE QUALITY RESTRICTED CHEMISTRY RESTRICTED MAX INCIDENTAL ELEMENTS
SIZE: RDS .6590 DIAM X COIL
RDS 16.7386MM DIAM X COIL

LADLE CHEMISTRY %

C	MN	P	S	SI	CU	NI	CR
0.39	0.85	0.008	0.010	0.25	0.15	0.42	0.52
V	MO	SN	AL	B	CB	N	
0.002	0.20	0.007	0.030	0.0000	0.001	0.0074	

CALCULATED TESTS

REDUCTION RATIO 381.3 TO 1

AUSTENITIC GRAIN SIZE 5 OR FINEER BASED ON A TOTAL ALUMINUM CONTENT EQUAL TO OR GREATER THAN .020% PER ASTM A29.

SEMI - FINISHED RESULTS

JOMINY HARDNESS TEST

SAE J406/ASTM A255

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 18 20 22 24 26 28 30 32
58 57 56 55 54 52 49 46 43 40 38 36 35 34 33 32 31 30 29 29 29 28 28 28

MACRO ETCH TEST

ASTM E381/MIL STD 430

ETCHANT: HCL TEMPERATURE: 170

AVG	S	R	C
1	1	1	1

MAGNETIC PARTICLE TEST

AMS 2301 AMS2304 AMS2300

IND	AVG	IND	AVG
PCE 93	0	0	0

FINISHED SIZE RESULTS

DECARBURIZATION TEST

SAE J419/ASTM E1077/JIS G0558

ETCHANT - NITAL MAGNIFICATION = 100X

SPIKE	COMPLETE	TOTAL
INCHES	INCHES	DEPTH
PCE 9173	0	0.002

G. KRUTH
DIRECTOR QUALITY ASSURANCE

BY HILDA BEGUE



M T Kruth



Republic
ENGINEERED PRODUCTS

1807 EAST 28TH ST.
PHONE: 330-438-5694

LORAIN, OH 44051
FAX: 330-438-5695

CERTIFICATE OF TESTS

REPUBLIC ENGINEERED PRODUCTS

July 3, 2011

PAGE 1

OF 2

PURCHASE ORD: 80801
PART NUMBER: FXT40AA-.659
ORDER NUMBER: 1488320 - 01
HEAT: 8097919

PURCHASE ORDER DATE: 5/16/2011
ACCOUNT NUMBER: 5672-1921-01
SCHEDULE: 5654-90
REVISION: 1

CAPABLE OF SEAM DEPTH 14 MAX DIAMETER NOT LESS THAN .005 MAX

NOTES

CHEMICAL ANALYSIS CONFORMS TO APPLICABLE SPECS: ASTM E415, LBL10129, LBL10130, ASTM E1019, LBL10158, LBL10114, AND ASTM E1085, LBL10184, LBL10188.

REPUBLIC ENGINEERED PRODUCTS HEREBY CERTIFY THAT THE MATERIAL LISTED HEREIN HAS BEEN INSPECTED AND

NOTES (CONTINUED)

TESTED IN ACCORDANCE WITH THE METHODS PRESCRIBED IN THE GOVERNING SPECIFICATIONS AND BASED UPON THE RESULTS OF SUCH INSPECTION AND TESTING HAS BEEN APPROVED FOR CONFORMANCE TO THE SPECIFICATIONS.

CERTIFICATE OF TESTS SHALL NOT BE REPRODUCED EXCEPT IN FULL.

ALL TESTING HAS BEEN PERFORMED USING THE CURRENT REVISION OF THE TESTING SPECIFICATIONS.

RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FED STATUTES TITLE 18 CHAPTER 47.

THE MATERIAL WAS NOT EXPOSED TO MERCURY OR ANY METAL ALLOY THAT IS LIQUID AT AMBIENT TEMPERATURE DURING PROCESSING OR WHILE IN OUR POSSESSION.

NO WELD OR WELD REPAIR WAS PERFORMED ON THIS MATERIAL.

THE RESULTS REPORTED RELATE ONLY TO THE ITEMS TESTED

SOURCE INFORMATION

MELT SOURCE: CANTON CAST ROLL MELT COUNTRY: U.S.A HOT ROLL SOURCE: LORAIN 9/10, U.S.A
MELT METHOD: EF BLOOM RED. RATIO: 381.3

END OF DATA

CC

END OF DATA

WITH SHIPMENT 1 COPY PRINTED AT SHIPPING AREA
FAX SHIP TO 1 COPY ATTENTION EDWARD ZAPOLA
FILE 1 COPY

1-814-532-5684

G. KRUTH
DIRECTOR QUALITY ASSURANCE

BY WILDA BEGUE



MT Kruth

DE TRAY Plating Works

Specialized Electro-Plating and Polishing

Nickel
Copper
Decorative Chrome
Satin Chrome
Zinc
Cadmium

Passivate
Bright Dip
Strip Copper
Descale

10406 EAST ELEVENTH STREET • INDEPENDENCE, MISSOURI 64052
Phone (816) 252-8411 Fax (816) 252-8527 • E-mail: DeTrayPlating@Aol.com

December 13, 2011

Mac Fasteners
1110 Enterprise Street
Ottawa, Kansas 66067

Subject: Certification

This is to certify that the following parts have been electrodeposited cadmium plate per Spec.-QQ-P-416/AMS-QQ-P-416/NAS4160/AMS2400, Type II, Class 2. Please reference our Invoice# 157861 dated 12/13/2011 for:

Lot#-57949

P.N.- AN6-13A

James T. Pierson, Vice-President



DE TRAY PLATING WORKS





P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172

Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO31207

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Eff Date	EXP DATE
13	20	EA	A-A-55488-1		DST022014A	WESTERN WIRE/PENTON	65029		


Jason Lewis
Senior Director, Global Quality

02/02/16

Inv # 02/02/16



Western Wire PRODUCTS COMPANY

770 SUN PARK DRIVE

FENTON, MISSOURI 63026

ESTABLISHED 1914

PHONE (636) 305-1100 • TOLL FREE 800-325-3770 • FAX (636) 305-1119

www.westernwireprod.com

sales@westernwireprod.com

August 6, 2014

MADE IN USA

B E AEROSPACE
9835 N W 14TH STREET
MIAMI, FL 33172

Gentlemen:

Subject: Customer Order Number OTKN23
Western Wire Shop Order 432948-00

This is to certify that the below listed items and quantities contained in the shipment as above indicated:

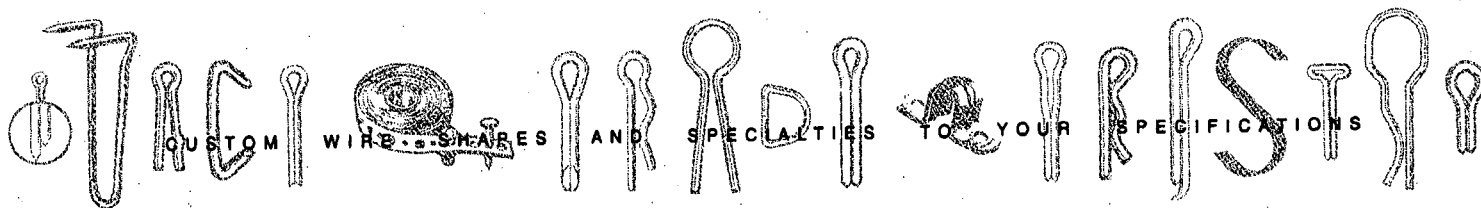
5,000 A-A-55488-1 (FORMERLY AN416-1) SAFETY RETAINING PIN
LOT DST022014A

are made of the following material:

CORROSION RESISTANT STEEL WIRE, SPEC. ASTM-A313, COMPOSITION TYPE 316, CONDITION B AND PASSIVATED IN ACCORDANCE WITH ASTM A380.EQV. ASTM A-967(SUPERSEDES QQ-P-35). DFAR 252.225-7009

WESTERN WIRE PRODUCTS CO.


D. PERRIN, CHIEF CLERK





Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

15 TERRACE, MIAMI, FL 33172

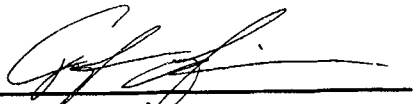
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FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO31207

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Eff Date	EXP DATE
12	1500	EA	NAS1149DN832J		Y5447	ANILLO INDUSTRIES	10630		


Jason Lewis
Senior Director, Global Quality

02/02/16

02/02/16



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
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FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO31207

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Eff Date	EXP DATE
7	20	EA	HL86-8		1849784	ALCOA/VOISHAN FASTEN	5M902		


Jason Lewis
Senior Director, Global Quality

02/02/16

Inv # 02/02/16

Alcoa Fastening Systems & Rings



Shipper ID: 924830

Page: 1

Sold To: 5574
KLX INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 025263
MIAMI, FL 33102-5263
USA

Ship To: 55740014
KLX INC.
9835 NW 14TH ST.
MIAMI, FL 33172
USA

Shipped From:
AFS -TORRANCE
AEROSPACE PRODUCTS
TORRANCE OPERATIONS
3000 WEST LOMITA BLVD.
TORRANCE, CA 90505
TEL: 310-530-2220
USA

Ship Date: 06/22/15
Print Date: 06/22/15
Time: 08:28:03

Ship Via: FED EX GROUND
INCO Terms: FCA AFS TORRANCE

Container/Weight:
Carrier Shipment Ref: 924830
Bill Lading #:

SHIP VIA :FED EX GROUND

BUYER:JANETZA PEREZ

AFS COMPLIES WITH DEARS 252.225-7009 REQ.

***SHIP VIA FEDX GRD COLLECT ACCT# 0331-0149-0 IF 150 LBS OR MORE SHIP FED

EX FREIGHT ECONOMY COLLECT ACCT# 018757. ***

DO NOT SHIP BY ANY OTHER WITHOUT PROPER WRITTEN AUTHORIZATION.

ALLOWABLE SHIPPING TOLERANCE = +0%-0 %.

** BAR CODE PER QAP 33 CLAUSE P REQUIRED ***

** QAP 33.0 REV K CLAUSES: A,A.1,B,C,E,H,P,U,V. CLAUSE A:3-GENERAL TERMS APPLIES.

DO NOT INSURE OR DECLARE A VALUE FOR THIS SHIPMENT

REV.4

Sales Order: F531638 Order Date: 12/02/14 Purchase Order: 0ZZ2R88

Remarks: EFFIE

Ln	Item Number	Description	Rev	Qty Shipped	Qty B/O	UM
1	073106	HL86-8		10000.0	0.0	EA
	303SS COLLAR	TSO C148				
	Cust Line #:	1				
	Customer Item:	CAN43068-8				
	Required Date:	07/13/15	Promised Date:	07/20/15		
	MFG C OF C CHEM & PHYS TEST REPORT REQ					
	CHARGES ON LINE # 2 INVOICE WITH LINE # 1					
	DUAL CERT:132530-8					
	Loc/Lot:	S5F14A	1849784	10,000.00	COO:	US
	HTS CODE: 7318190000					

ALCOA GLOBAL FASTENERS, INC.

ALL CLAIMS REGARDING THIS ORDER MUST BE REPORTED TO SELLER PROMPTLY. CLAIMS FOR CREDIT OR REPLACEMENT OF PARTS MAY BE LIMITED TO THOSE PARTS FOR WHICH TRACEABILITY HAS BEEN MAINTAINED BY THE BUYER. ANY CLAIM BASED ON AN ALLEGED DISCREPANCY (IN AMOUNT, QUANTITY, ETC.), BETWEEN THE GOODS ACTUALLY SHIPPED AND / OR DELIVERED UNDER THESE DOCUMENTS AND THE DESCRIPTION THEREOF IN THESE DOCUMENTS, MUST BE MADE IN WRITING TO SELLER NO LATER THAN NINETY (90) DAYS AFTER THE SHIPPING DATE APPEARING HEREON.

CUSTOMER'S COPY

**Alcoa
Fastening
Systems & Rings**



Shipper ID: 924830

Page: 2

Sold To: 5574
KLX INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 025263
MIAMI, FL 33102-5263
USA

Ship To: 55740014
KLX INC.
9835 NW 14TH ST.
MIAMI, FL 33172
USA

Shipped From:
AFS -TORRANCE
AEROSPACE PRODUCTS
TORRANCE OPERATIONS
3000 WEST LOMITA BLVD.
TORRANCE, CA 90505
TEL: 310-530-2220
USA

Ship Date: 06/22/15
Print Date: 06/22/15
Time: 08:28:03

Ship Via: FED EX GROUND
INCO Terms: FCA AFS TORRANCE

Container/Weight:
Carrier Shipment Ref: 924830
Bill Lading #:

SCHEDULE-B NUMBER: 7318190000

ECCN: EAR99

The export classification appears above. You are responsible for all
related export license requirements.

***** Total Qty Shipped: 10,000 *****

**PACKING
SLIP**

ALCOA GLOBAL FASTENERS, INC.

ALL CLAIMS REGARDING THIS ORDER MUST BE REPORTED TO SELLER PROMPTLY. CLAIMS FOR CREDIT OR REPLACEMENT OF PARTS MAY BE LIMITED TO THOSE PARTS FOR WHICH TRACEABILITY HAS BEEN MAINTAINED BY THE BUYER. ANY CLAIM BASED ON AN ALLEGED DISCREPANCY (IN AMOUNT, QUANTITY, ETC.), BETWEEN THE GOODS ACTUALLY SHIPPED AND / OR DELIVERED UNDER THESE DOCUMENTS AND THE DESCRIPTION THEREOF IN THESE DOCUMENTS, MUST BE MADE IN WRITING TO SELLER NO LATER THAN NINETY (90) DAYS AFTER THE SHIPPING DATE APPEARING HEREON.

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Alcoa Fastening Systems & Rings



Shipper ID: 924830

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KLX INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 025263
MIAMI, FL 33102-5263
USA

Ship To: 55740014
KLX INC.
9835 NW 14TH ST.
MIAMI, FL 33172
USA

Shipped From:
AFS -TORRANCE
AEROSPACE PRODUCTS
TORRANCE OPERATIONS
3000 WEST LOMITA BLVD.
TORRANCE, CA 90505
TEL: 310-530-2220
USA

Ship Date: 06/22/15
Print Date: 06/22/15
Time: 08:28:03

Ship Via: FED EX GROUND
INCO Terms: FCA AFS TORRANCE

Container/Weight:
Carrier Shipment Ref: 924830
Bill Lading #:

SHIP VIA :FED EX GROUND

BUYER:JANETZA PEREZ

PHONE:

AFS COMPLIES WITH DFARS 252.225-7009 REQ.

***SHIP VIA FEDX GRD COLLECT ACCT# 0331-0149-0 IF 150 LBS OR MORE:SHIP FED

EX FREIGHT ECONOMY COLLECT ACCT# 018757 ***

DO NOT SHIP BY ANY OTHER WITHOUT PROPER WRITTEN AUTHORIZATION

ALLOWABLE SHIPPING TOLERANCE +0% -0

** BAR CODE PER QAP 35 CLAUSE P REQUIRED **

** QAP 33.0 REV K CLAUSES: A,A.1,B,C,E,H,P,U,V. CLAUSE A.3 GENERAL TERMS

APPLIES.

DO NOT INSURE OR DECLARE A VALUE FOR THIS SHIPMENT

REV.4

Sales Order: F531638 Order Date: 12/02/14 Purchase Order: 0ZZ2R88

Remarks: EFFIE

Ln	Item Number	Description	Rev	Qty Shipped	Qty B/O	UM
1	073106	HL86-8		10000.0	0.0	EA
	303SS COLLAR	TSO C148				
	Cust Line #:	1				
	Customer Item:	CAN43068-8				
	Required Date:	07/13/15	Promised Date:	07/20/15		
	MFG C OF C CHEM & PHYS TEST REPORT REQ					
	CHARGES ON LINE # 2 INVOICE WITH LINE # 1					
	DUAL CERT:132530-8					
	Loc/Lot:	S5F14A	1849784	10,000.00	COO:	US
	HTS CODE: 7318190000					

CERTIFICATE OF CONFORMANCE

This is to certify that all items noted below were produced in conformance with the contract, drawing specifications, and other applicable documents. All required process certifications, chemicals and physical test reports are on file subject to examination. This document must not be reproduced except in full and relates only to the items tested.

Slyvia M. Parks

Director of Quality Assurance
Torrance Operations

ALCOA GLOBAL FASTENERS, INC.

ALL CLAIMS REGARDING THIS ORDER MUST BE REPORTED TO SELLER PROMPTLY. CLAIMS FOR CREDIT OR REPLACEMENT OF PARTS MAY BE LIMITED TO THOSE PARTS FOR WHICH TRACEABILITY HAS BEEN MAINTAINED BY THE BUYER. ANY CLAIM BASED ON AN ALLEGED DISCREPANCY (IN AMOUNT, QUANTITY, ETC.), BETWEEN THE GOODS ACTUALLY SHIPPED AND / OR DELIVERED UNDER THESE DOCUMENTS AND THE DESCRIPTION THEREOF IN THESE DOCUMENTS, MUST BE MADE IN WRITING TO SELLER NO LATER THAN NINETY (90) DAYS AFTER THE SHIPPING DATE APPEARING HEREON.

CUSTOMER'S COPY

**Alcoa
Fastening
Systems & Rings**



Shipper ID: 924830

Page: 2

Sold To: 5574
KLX INC.
ATTN: ACCOUNTS PAYABLE
P.O. BOX 025263
MIAMI, FL 33102-5263
USA

Ship To: 55740014
KLX INC.
9835 NW 14TH ST.
MIAMI, FL 33172
USA

Shipped From:
AFS -TORRANCE
AEROSPACE PRODUCTS
TORRANCE OPERATIONS
3000 WEST LOMITA BLVD.
TORRANCE, CA 90505
TEL: 310-530-2220
USA

Ship Date: 06/22/15
Print Date: 06/22/15
Time: 08:28:03

Ship Via: FED EX GROUND
INCO Terms: FCA AFS TORRANCE

Container/Weight:
Carrier Shipment Ref: 924830
Bill Lading #:

SCHEDULE-B NUMBER: 7318190000

ECCN: EAR99

The export classification appears above. You are responsible for all related export license requirements.

CERTIFICATION
***** Total Qty Shipped: 10,000 *****

CERTIFICATE OF CONFORMANCE

This is to certify that all items noted below were produced in conformance with the contract, drawing specifications, and other applicable documents. All required process certifications, chemicals and physical test reports are on file subject to examination. This document must not be reproduced except in full and relates only to the items tested.

Director of Quality Assurance
Torrance Operations

ALCOA GLOBAL FASTENERS, INC.

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CUSTOMER'S COPY



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


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FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO31207

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Eff Date	EXP DATE
2	50	EA	AN310-4		J000007165-0000	GREER STOP NUT / SPS 27687			



Jason Lewis
Senior Director, Global Quality

02/02/16

Inv # 02/02/16

Shipment Packing Slip Report

7/1/2015 6:02:17 PM



From Warehouse: MAIN

Page: 1

Shipment: 17776

From:

JENKINTOWN
301 HIGHLAND AVE
JENKINTOWN PA 19046
UNITED STATES



THE PRODUCTS THAT ARE COVERED BY THIS AGREEMENT ARE OF U.S. ORIGIN OR OTHERWISE SUBJECT TO U.S. EXPORT AND OTHER FOREIGN TRADE CONTROLS. THE EXPORT, DEEMED EXPORT, RE-EXPORT, OR RELEASE OF THESE PRODUCTS TO OTHER COUNTRIES OR PARTIES MAY REQUIRE PRIOR APPROVAL OF THE U.S. GOVERNMENT. DIVERSION OF THESE PRODUCTS FROM THE AUTHORIZED DESTINATION CONTRARY TO U.S. AND INTERNATIONAL LAW IS PROHIBITED. THE PURCHASER AGREES TO COMPLY WITH APPLICABLE LAWS AND REGULATIONS OF THE UNITED STATES, OTHER RELEVANT JURISDICTIONS, AND PERTINENT INTERNATIONAL ORGANIZATIONS PERTAINING TO THE EXPORT, DEEMED EXPORT, RE-EXPORT, OR RELEASE OF THESE PRODUCTS. ANY VIOLATIONS OF THIS CLAUSE, AS DETERMINED SOLELY BY SPS TECHNOLOGIES, SHALL BE DEEMED A MATERIAL BREACH OF THIS AGREEMENT.

Bill To: 427568

Ship To: (1)

KLX INC.
10000 NW 15TH TERRACE
MIAMI FL 33172-2756
UNITED STATES

KLX INC.
9835 NW 14TH ST.
MIAMI FL 33172
UNITED STATES

Order Contact:

Pickup Date	Order	Cust PO	Ship Via	Carrier	Weight	Packages
7/1/2015	CJ00004016	OZYNX44	TTRK		301.00	9
Due Date	Req Date	Terms	Ship Early	Partial Qty	Tracking / PRO	
05/01/2015	04/19/2015	N35	Not Before	No Partial		

Order	Line/Release	Item	U/M	Quantity	Package ID
CJ00004016	1-0	502115	EA	791.00	5,374
		Description: F22SC310 0428			
		CI: AN310-4	Rev: 1		
		Lot: J000000785-0000			
CJ00004016	1-0	502115	EA	51,709.00	5,374
		Description: F22SC310 0428			
		CI: AN310-4	Rev: 1		

JK

SPS TECHNOLOGIES LLC

Page 1 of 2

msampson

CR-040 Rev. NC

Any alteration or misuse of this certificate, or any unauthorized rework or modification of the identified products voids all manufacturer's warranties, and may lead to civil damages and/or criminal penalties.

CLAIMS FOR GOODS MUST BE MADE ON RECEIPT OF GOODS. ALL GOODS SHIPPED AT BUYERS RISK. NO MATERIAL ACCEPTED FOR RETURN WITHOUT OUR PERMISSION.

Shipment Packing Slip Report

7/1/2015 6:02:17 PM



From Warehouse: MAIN

Page: 1

Shipment: 17776

From:

JENKINTOWN
301 HIGHLAND AVE
JENKINTOWN PA 19046
UNITED STATES



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Bill To: 427568

Ship To: (1)

KLX INC.
10000 NW 15TH TERRACE
MIAMI FL 33172-2756
UNITED STATES

KLX INC.
9835 NW 14TH ST.
MIAMI FL 33172
UNITED STATES

Order Contact:

Pickup Date	Order	Cust PO	Ship Via	Carrier	Weight	Packages
7/1/2015	CJ00004016	OZYNX44	TTRK		301.00	9

Due Date	Req Date	Terms	Ship Early	Partial Qty	Tracking / PRO
05/01/2015	04/19/2015	N35	Not Before	No Partial	

Order	Line/Release	Item	U/M	Quantity	Package ID
CJ00004016	1-0	502115	EA	791.00	5,374
		Description: F22SC310 0428			
		CI: AN310-4	Rev: 1		
		Lot: J000000785-0000			
CJ00004016	1-0	502115	EA	51,709.00	5,374
		Description: F22SC310 0428			
		CI: AN310-4	Rev: 1		

JK

SPS TECHNOLOGIES LLC

Page 1 of 2

msampson

CR-040 Rev. NC

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Shipment Packing Slip Report

7/1/2015 6:02:17 PM



From Warehouse: MAIN

Page: 2

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JENKINTOWN PA 19046
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Bill To: 427568

Ship To: (1)

KLX INC.
10000 NW 15TH TERRACE
MIAMI FL 33172-2756
UNITED STATES

KLX INC.
9835 NW 14TH ST.
MIAMI FL 33172
UNITED STATES

Order Contact:

Pickup Date	Order	Cust PO	Ship Via	Carrier	Weight	Packages
7/1/2015	CJ00004016	OZYNX44	TTRK		301.00	9
Due Date	Req Date	Terms	Ship Early	Partial Qty	Tracking / PRO	
05/01/2015	04/19/2015	N35	Not Before	No Partial		

Order	Line/Release	Item	U/M	Quantity	Package ID
-------	--------------	------	-----	----------	------------

Lot: J000007165-0000

under 150 Lbs ship Fed Ex Ground acct 0331-0149-0 - Mark COLLECT
if over 150 lbs ship Fed Ex Freight Economy acct 300 176

CERTIFICATION

The product identified on this certification have been manufactured, tested and inspected in accordance with, and unless otherwise noted below, conform in all respects to the applicable drawings, specifications and/or standards. Complete reports of physical and chemical tests are on file for on-site examination. This certification relates only to the items tested and must not be reproduced except in full.

Quality Assurance Representative

JK

SPS TECHNOLOGIES LLC

Page 2 of 2

msampson

CR-040 Rev. NC

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Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: P031207

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Eff Date	EXP DATE
6	40	EA	HL32PB-8-14		T230570	AIR INDUSTRIES	06725		


Jason Lewis
Senior Director, Global Quality

02/02/16

Inv # 02/02/16



12570 Knott Street
Garden Grove, CA 92641
A PDC Company

Certification of Chemical and Physical Test

744227

Products identified on this certificate have been manufactured, tested and inspected in accordance with, and unless otherwise noted below, conform in all respects to the applicable drawings, specifications and/or standards.

Country of Origin USA

Purchase Order Date: 8/18/2009

Customer		PEERLESS AEROSPACE FSTNR		0063650		Date of Certification		12/27/2009		Packing Slip No.		00000000227526			
Purchase Order		PUR70495		Part Number		HL32PB8-14		Revision		REV 17		Prod Order/Lot Number		T230570	
Customer Part Number				Mfg. Date		N/A		Lot Size		2,800		Quantity Shipped		2,500	
Procurement Specification		HS342, REV AG,		Heat Treatment Specification		AMS-H-6875									
Finish Specification		AMS-QQ-P-416, TY II, CL 2		Lubrication Specification		HS305									
Non-destructive Testing		ASTM E1444		Sample or 100%		SAMPLE									
Material		431 per AMS562		Material Specification		& MIL-S-18732		Heat No.		554103		Supplier		CARPENTER, USA	
C	.16	Mn	.67	P	.016	S	.001	Si	.52	Ni	1.60	Cr	16.25	Mo	.07
Va		Ti		Al		N2	.05	Fe		B		Co+Ta		Cu	.05
Mg		Ca		Pb		Bi		Se		Sn		Y		H2	
Th												Hardness	44-45		
Micro/Macro Structure Satisfactory		Decarburization Nil		Discontinuities Acceptable		OK		Work Effect Satisfactory		Grain Flow (Mk, inv) Satisfactory		Finish Part H2 ppm			
Double Shear Strength				Ultimate Tensile Strength				Tension-Tension Fatigue							
Pounds		Results		Pounds		Location of Failure		Life Cycles		Location of Failure					
12740				8500		Thread Failure		60000		No Failure					
12700				8470		Thread Failure		60000		No Failure					
12740				8460		Thread Failure		60000		No Failure					
12700				8350		Thread Failure		60000		No Failure					
12810				8420		Thread Failure		60000		No Failure					
Min. Req.	12,260	Max. Req.	NR	Min. Req.	7,750	Max. Req.	NR	Ave. Life	60000	Ave. Req.	30,000	Min. Req.	15,000		
Ka	NR	X1-KaB	NR	Ka	NR	X1-KaB	NR	High Load	2,300	Low Load	230				
Stress Rupture				Torque Testing				Stress Durability							
Temp:				Sample Size:		Torque		Sample Size:		Torque		Sustained Load			
Load:								Load:							
Time:		Hours						Time:				Hours			
No failures.				No failures.				NDT Results - Satisfactory							

5 MICROS PASSED

THREADS WERE INSPECTED PER AS8879

PLATING THICKNESS .00031 .00036

ADHESION PASSED

(4) HEAD DUCTILITY (WEDGE COMP) TEST (15500#) PASSED

(4) STRESS DURABILITY NASM1312-6 EXT LOAD, 85% MIN UTS (8587.5#) 72 HRS

Type of Part:
THE PARTS CONTAINED IN THIS SHIPMENT HAVE BEEN MANUFACTURED AND INSPECTED IN ACCORDANCE WITH TSO-C146. THE CONDITIONS AND TESTS REQUIRED FOR TSO APPROVAL OF THIS ARTICLE ARE MINIMUM PERFORMANCE STANDARDS. AIRCRAFT FASTENERS APPROVED UNDER THIS TSO ARE NOT NECESSARILY INTERCHANGEABLE WITH OTHER AIRCRAFT FASTENERS APPROVED UNDER THIS TSO. FASTENERS OF SIMILAR DIMENSIONAL PROPERTIES MAY HAVE WIDELY VARYING PERFORMANCE AND METALLURGICAL PROPERTIES. SUBSTITUTION OF PARTS MAY ONLY BE DONE IF ACCEPTABLE TO OR APPROVED BY THE ADMINISTRATOR.

Gloria Palomino, Certification Clerk



PAF**PEERLESS AEROSPACE FASTENER CORP.**

141 Executive Blvd, PO Box 710, Farmingdale, NY 11735-0710
Expediting/Quality (631) 962-2214 Fax (631) 420-9617
Accounting (631) 962-2211 Sales (631) 420-8200

* P A C K I N G *

Cust ID.....M111
Invoice No...INY2NTXZ
Invoice Date.03/06/14

**S
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B/E AEROSPACE, INC.
CONSUMABLES MANAGEMENT
10000 NEW 15TH TERRACE
MIAMI, FL 33172-2756

**S
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B/E AEROSPACE, INC.
CONSUMABLES MANAGEMENT
9835 NW 14TH STREET
MIAMI, FL 33172

CUST.P.O.#: 0WTF42
OUR SALE#: SNYC9XTZ
TERMS: NET 30
WEIGHT 20.00

SHIP MODE: FED X ECONOMY 2 DAY DEL.
WAYBILL NO.: 571875761718
F.O.B.: FARMINGDALE
NO. OF CARTONS: 1

ITEM NO.	QUANTITY ORDERED	U/M	QUANTITY SHIPPED	BALANCE DUE	CUSTOMER PART NO./PEERLESS PART NO.	U
001	1000	EA	1000	0	HL32PB-8-14	
			1000		LOT: T230570 MFG: AIR INDUSTRIES DESC: A/C BOLT/PIN/STUD:7318	REV:17 15.2000

DFAR252.225-7009
Compliant *y*

CUSTOMER: M111 B/E AEROSPACE CONSUMABLES

CUST PART: HL32PB-8-14



PAF PART: HL32PB-8-14



CUST PO: 0WTF42



LINE:



PART DESC: HI-LOK PIN

MFG: AIR INDUSTRIES

QTY: 1,000



T O T A L ----->

LUIS GUILLEN

sealed and shipped by

Additional Release
Statements on Reverse

The quality system of this facility has been registered to the
ISO 9001: 2008, AS9100-C and AS9120-A, Rev. Standards.

The customer's use of a part number/description or our recital of a customer's designated part number/description does not of itself commit Peerless to supply parts of a specific manufacturer. If a manufacturer named is not satisfactory, please contact Peerless' Customer Service Department within 10 days after receipt to obtain authorization to return.

CERTIFICATE OF CONFORMANCE

It is hereby certified that all articles in the above shipment and in the quantities as called for in the above contractor's purchase order are in conformance with the requirements, specifications and drawings applicable to that order.

By:

Ralph Fico

Title: QUALITY ASSURANCE MANAGER

Additional Release Statements on Reverse
Peerless BAE#. BAE/AG/20403/MMA
Peerless AirbusUK#. 91011
PAYABLE IN U.S. DOLLARS / COUNTRY OF ORIGIN U.S.A.



SHI-FO-005. REV. J3 06/09



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXAerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172

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FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO31207

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Eff Date	EXP DATE
3	100	EA	AN4-12A		14295	AIRPASCO INDUSTRIES	32958		


Jason Lewis

Senior Director, Global Quality

02/02/16

Inv # 02/02/16

Airfasco Industries, Inc.

2655 Harrison Ave SW
Canton, OH 44706
Ph: 330-430-6190, Fax: 330-430-6199,

Packing Slip

Invoice #: 101783

Invoice Date: 4/30/2007

Time: 1:19:26 PM

Page: 1

To:
M&M AEROSPACE HARDWARE
PO BOX 025263
MIAMI, FL 33102-5263
USA
Ph: 305-592-5155 Fax: 305-591-8357 PURCHAS

Ship To:
M&M AEROSPACE HARDWARE
10000 NW 15TH TERRACE
MIAMI, FL 33172

Cust. PO#: 0AW362

Terms: NET 60

Ship Via: FED EX MOTOR FRESHip Via Acc: 018757

Order Date: 2/12/2007

of Items: 10

of Boxes: 66

Weight: 3052

Prepared By:

Sales Order: 84077

Ship Log #: 1

Ship Order:

Customer #: 12726

VAT #:

Cust VAT #:

Ship Date: 4/30/2007

Buyer: JOE GRAY

FOB:

AWB:

Shipment:

Item	Part Number/Description	Shipped	BackOrd	CD			Unit Price	UOM	Total Amt
2	AN174C13 BOLT, AN Loc/Whse: Control #: 0-0	0	2500	NE				EA	
5	AN4-12A BOLT, AN Loc/Whse: Control #: 128793-1 L-14295 5 BOXES	8525	0	NE				EA	
6	AN4-12A BOLT, AN Loc/Whse: Control #: 128793-1 L-14295 43 BOXES	86000	181000	NE				EA	
9	AN3C13 BOLT, AN Loc/Whse: Control #: 0-0	0	5000	NE				EA	
12	AN3-73A BOLT, AN Loc/Whse: Control #: 0-0	0	149	NE				EA	

C OF C ENCLOSED. THANK YOU
66 BOXES 538/1274/1240 LBS
TEST REPORT L-14295/14295
MADE IN THE USA

3 PALLETS



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
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FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO31207

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Eff Date	EXP DATE
11	250	EA	MS27039C1-08		72811	MAC FASTENERS	0RFT4		



Jason Lewis
Senior Director, Global Quality

02/02/16

Inv # 02/02/16

MACFASTENERS, INC.

Packing List

Bill KLX INC.

To: 10000 NW 15TH TERRACE
MIAMI, FL 33172

Ship B/E AEROSPACE CONSUMABLES MGMT

To: 9835 NW 14th Street
Miami, FL 33172
United States

Shipment No: 70016
Shipment Date: 06/30/15
Ship Via: United Parcel Service
Order Number: 50886
Order Date: 04/19/14

Customer Code: BE AEROSPACE
Phone: (305) 925-2600
PO Number: 0XLP22
Terms: Net 30 Days

LOT #72811

<u>Item</u>	<u>Quantity</u>					<u>Unit</u>	<u>Description</u>	<u>Revision</u>	<u>Job Number</u>
	<u>Open</u>	<u>Shipped</u>	<u>Back Ord</u>	<u>Canceled</u>					
11	50,000	42,275	0	7,725	M	MS27039C1-08 Screw machine pan head structural cross recessed A286 material		72811	

Packing Clerk's Initials
MACFASTENERS, INC.

Received In Good Order By
B/E AEROSPACE CONSUMABLES MGMT

MAC FASTENERS, INC.
1110 ENTERPRISE
OTTAWA, KANSAS 66067

**CERTIFICATE OF CONFORMANCE
AND
MANUFACTURER'S AFFIDAVIT**

CUSTOMER: KLX AEROSPACE SOLUTIONS

PO: 0XLP22

PART NUMBER: MS27039C1-08

REV: 4

LOT NUMBER: 72811

MANUFACTURED QUANTITY: 55,000

MILL HEAT NUMBER: C4B86

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225.7009 Compliant

MERCURY FREE CERTIFICATION

MacFasteners certifies that the parts referenced in the above lot number do not contain Mercury or Mercury compounds, and were manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC FASTENERS within the United States, and were processed in accordance with all applicable drawings and specifications. Objective evidence of compliance is on file, subject to examination upon request.

Mac Fasteners is a DISC QSLM approved Manufacturer - CAGE Code 0RFT4
Mac Fasteners is an Airbus approved Supplier - 203399

DATE: 06/12/15


QUALITY ASSURANCE REPRESENTATIVE